

**LISTING AND AMENDMENTS OF THE CLAIMS
INCLUDING STATUS INDICATORS**

1. (Currently Amended) A data collection system having:
 - (a) at least one sensing means to detect and receive a visible light signal;
 - (b) an optical characteristic recognition processing means which receives signals from said at least one sensing means;
 - (c) at least one optical signal means associated with a respective one of said sensing means which generates, reflects or transmits visible light to said sensing means; wherein said optical signal means causes an optical characteristic to be visible to, or sensed by, said sensing means, said optical characteristic being caused to change when the relative angle between said sensing means and said at least one optical signal means is changed, whereby change in said optical characteristic is processed by said processing means to identify a physical or other characteristic of said at least one optical signal means; and
 - d) wherein said at least one optical signal means includes at least one of a holographic system, a lenticular system and a polarised filter system.
2. (Currently Amended) A system as claimed in claim 1, wherein said optical characteristic ~~is one or a combination of one or more of the following:~~ includes at least one of a pattern; an indicia; a colour; and a shape.
3. (Currently Amended) A system as claimed in ~~claim 1 or 2~~ claim 1, wherein said physical or other characteristic of said at least one optical signal means is a change in angle of orientation between said at least one optical signal means and said at least one sensing means.
4. (Original) A system as claimed in claim 3, wherein said change in angle of orientation is communicated to a CPU for use in processing to identify or quantify the change in

angular orientation between said at least one sensing means and said at least one optical signal means.

5. - 6. (Canceled).

7. (Currently Amended) A system as claimed in ~~any one of the preceding claims~~ claim 1, wherein said at least one sensing means does not change its orientation or position relative to earth.

8. (Currently Amended) A system as claimed in ~~any one of the preceding claims~~ claim 1, wherein said at least one optical signal means is positioned on an object the orientation of which is being sensed relative to said at least one sensing means' orientation or position.

9. (Currently Amended) A system as claimed in ~~any one of claims 1 to 8~~ claim 1, wherein said at least one optical signal means is at a stationary reference point.

10. (Currently Amended) A system as claimed in ~~any one of the preceding claims~~ claim 1, wherein said at least one optical signal means does not change its ~~orientation~~ position relative to earth.

11. (Currently Amended) A system as claimed in ~~any one of the preceding claims~~ claim 1, wherein said at least one sensing means is positioned on an object the orientation of which is being sensed relative to said at least one optical signal means' orientation.

12. - 13. (Canceled).

14. (Currently Amended) A system as claimed in ~~claim 13~~ claim 1, wherein said holographic system, said lenticular system or said polarised filter system each has ~~one, or a sequence of more than one,~~ at least one image associated therewith.

15. (Canceled).

16. (Currently Amended) A system as claimed in ~~claim 15~~ claim 1, wherein more than one lenticular system is utilised with respective lenticular images viewable in a respective one of said more than one lenticular system when viewed from different orientations.
17. (Currently Amended) A system as claimed in ~~claim 15 or 16~~ claim 16, wherein columnar lenticules are utilised in said lenticular system.
18. (Original) A system as claimed in claim 17, wherein multiple lenticular systems are used with the columnar direction of the lenticules of each respective lenticular system being at a different angle to each of the other lenticular systems.
19. (Currently Amended) A system as claimed in ~~any one of the preceding claims~~ claim 1, wherein said at least one optical signal means is made up of a plurality of lenticular systems, with each lenticular system being located in substantially the same planar orientation.
20. (Currently Amended) A system as claimed in ~~any one of the claims 1 to 19~~ claim 1, wherein said at least one optical signal means is made up of a plurality of lenticular systems, with one or more lenticular system being located in a different planar orientation to the rest of the lenticular systems.
21. (Currently Amended) A system as claimed in claim 20, wherein ~~two~~ a plurality of lenticular systems are used ~~with the~~ wherein an angular spacing $[\angle]$ between the columnar lenticules on ~~one~~ a first lenticular system relative to ~~the other~~ one or more other lenticular ~~system, systems~~ is 90° in the range of 45° to 120° .
22. – 24. (Canceled).
25. (Currently Amended) A system as claimed in ~~any one of the preceding claims~~ claim 1, wherein said at least one optical signal means is located within a distinctively shaped panel or border to form a target.

26. – 38. (Canceled).

39. (Currently Amended) A gaming system such as a computer based, console based, arcade based gaming system, wherein a system as claimed in ~~any one of claims 1 to 38~~ claim 1, is utilised to provide orientation data to at least one of a control system for said gaming system and ~~or~~ an identification mechanism to allow access to said gaming system.

40. (Currently Amended) A optical signal panel for use in at least one of an object orientation data collection system and ~~or in~~ an identification system, said optical signal ~~panels~~ panel including a plurality of optical signal means which independently or in association with each other produce a change in ~~the~~ a visible signal emanating from said panel, said signal being adapted to be processed by a signal processing means to identify and or quantify ~~the~~ at least one of a magnitude and ~~or a~~ direction of change in orientation of said panel relative to a sensing means which senses said optical signal, wherein said panel utilises at least one of a holographic system, a lenticular system and a polarized filter system.

41. (Canceled)

42. (Currently Amended) A panel as claimed in ~~claim 41~~ claim 40, wherein ~~said~~ at least two lenticular systems ~~have~~ are utilised having their respective columnar orientations ~~being~~ at an angle to each other.

43. (Original) A panel as claimed in claim 42, wherein no two lenticular systems have the same columnar orientation on said panel.

44. (Currently Amended) A panel as claimed in ~~any one of claims 41 to 43~~ claim 40, wherein said panel includes ~~one or a combination of more than~~ at least one of the

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following visible through said ~~at least one~~ lenticular ~~systems-system~~: a pattern; an indicia; a colour; and a shape.

45. – 48. (Canceled)